



Palmdale to Los Angeles High-Speed Train Project EIR/EIS

Preliminary Alternatives Analysis

**Presented to California High-Speed Rail Authority Board
July 8, 2010**



Preliminary Alternatives Analysis

- Preliminary Alternatives Analysis posted at www.cahighspeedrail.ca.gov
- Evaluated alignments and stations from scoping (2007 - present)
- LAUS to SR 134 initial presentation to Board on June 9, 2009
- Preliminary AA includes input since 2009 and now includes Palmdale to Los Angeles
- Technical studies – e.g., alignment alternatives from LAUS and station options throughout San Fernando Valley
- Extensive agency, elected official and stakeholder outreach



Agency and Stakeholder Meetings

| | |
|--|---|
| Interagency (Local and Transportation) Meetings | March 5, 2008, March 6, 2008, August 17, 2009, February 22, 2010 |
| Resource Agency Meeting 404 NEPA Meeting | February 22, 2010 |
| Stakeholder Working Group Meetings | <p>May 6, 2008</p> <p>February 2010 -SR 134 to Sylmar/40 attendees -Santa Clarita to Palmdale/40 attendees -Burbank/25 attendees</p> <p>June 2010 -SR 134 to Sylmar/15 attendees -Santa Clarita to Palmdale/25 attendees -Burbank/20 attendees</p> |
| City of Los Angeles, Mayor's Office | March 7, 2007, December 17, 2009, February 24, 2010, May 5, 2010, May 20, 2010, May 26, 2010, June 3, 2010, July 1, 2010 |
| Metro | May 1, 2008, May 22, 2008, November 18, 2009, November 30, 2009, December 4, 2009, December 15, 2009, January 12, 2010, February 9, 2010, March 8, 2010, March 31, 2010, April 6, 2010, April 8, 2010, May 10, 2010, May 11, 2010, May 13, 2010, May 20, 2010, June 8, 2010, June 22, 2010, July 1, 2010 |



Corridor City Staff and Council Workshops

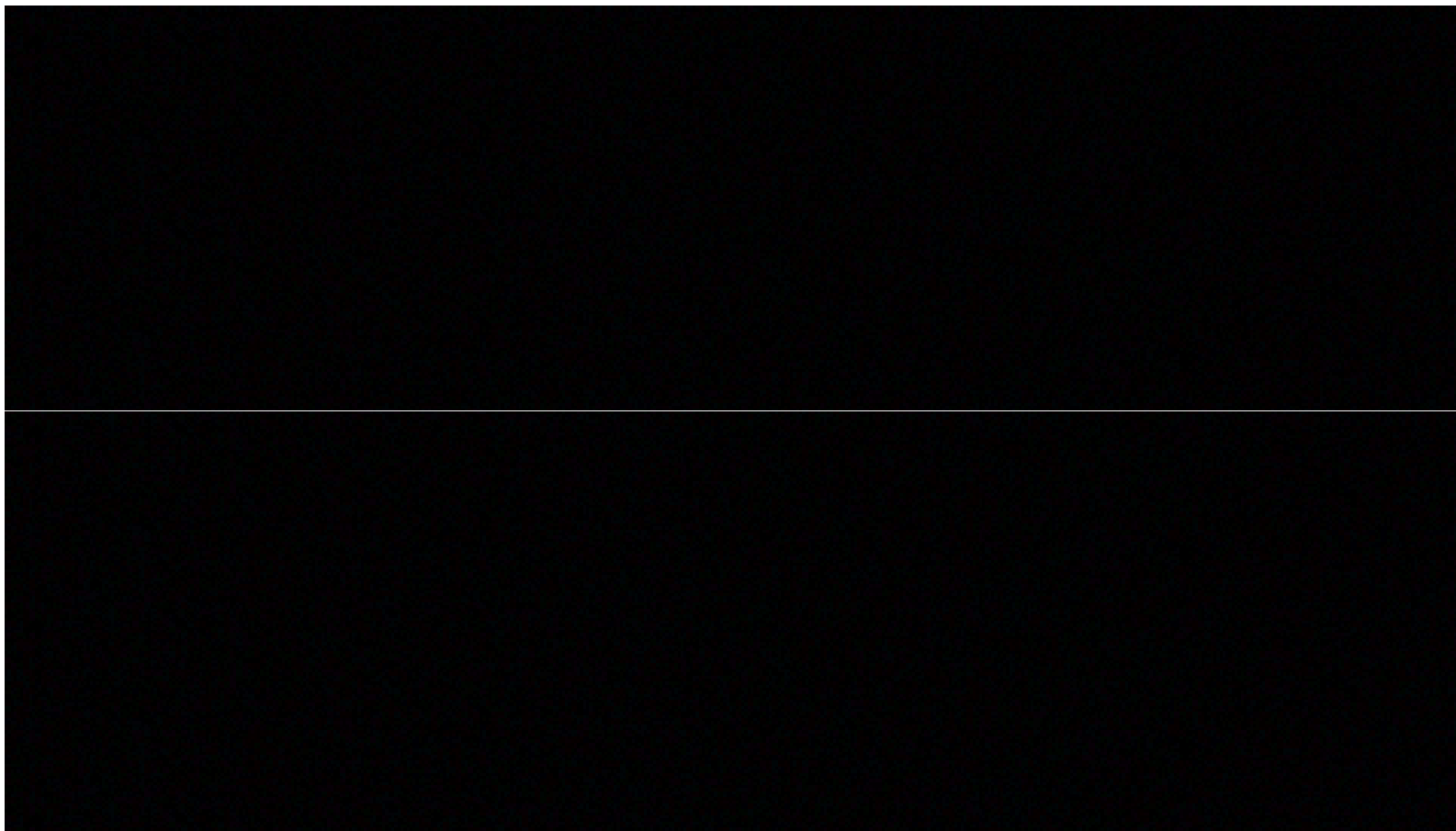
| | |
|---|---|
| City of Los Angeles Planners and LADOT (downtown) | April 2, 2008, January 14, 2010, February 11, 2010, February 22, 2010, March 24, 2010, July 1, 2010 |
| City of Glendale | May 11, 2009, July 6, 2009, February 9, 2010, December 21, 2009, May 3, 2010 |
| City of Burbank | March 13, 2007, June 24, 2008, February 23, 2009, May 27, 2009, December 22, 2009, February 2, 2010, March 2, 2010, March 18, 2010, May 10, 2010 |
| City of San Fernando | March 9, 2007, June 16, 2009, December 21, 2009, January 19, 2010, February 1, 2010, March 15, 2010, May 11, 2010, May 26, 2010 |
| City of Los Angeles Planners and LADOT (Valley) | July 2, 2009, July 16, 2009, December 17, 2009, February 24, 2010, May 26, 2010 |
| City of Santa Clarita | September 2, 2008, February 10, 2010, May 4, 2010, May 25, 2010 |
| City of Palmdale | April 4, 2007, July 9, 2009, December 16, 2009 |
| Acton Town Council | May 21, 2007, October 14, 2009, February 1, 2010, May 17, 2010 (with Agua Dulce Town Council) |



Elected Official and Community Meetings

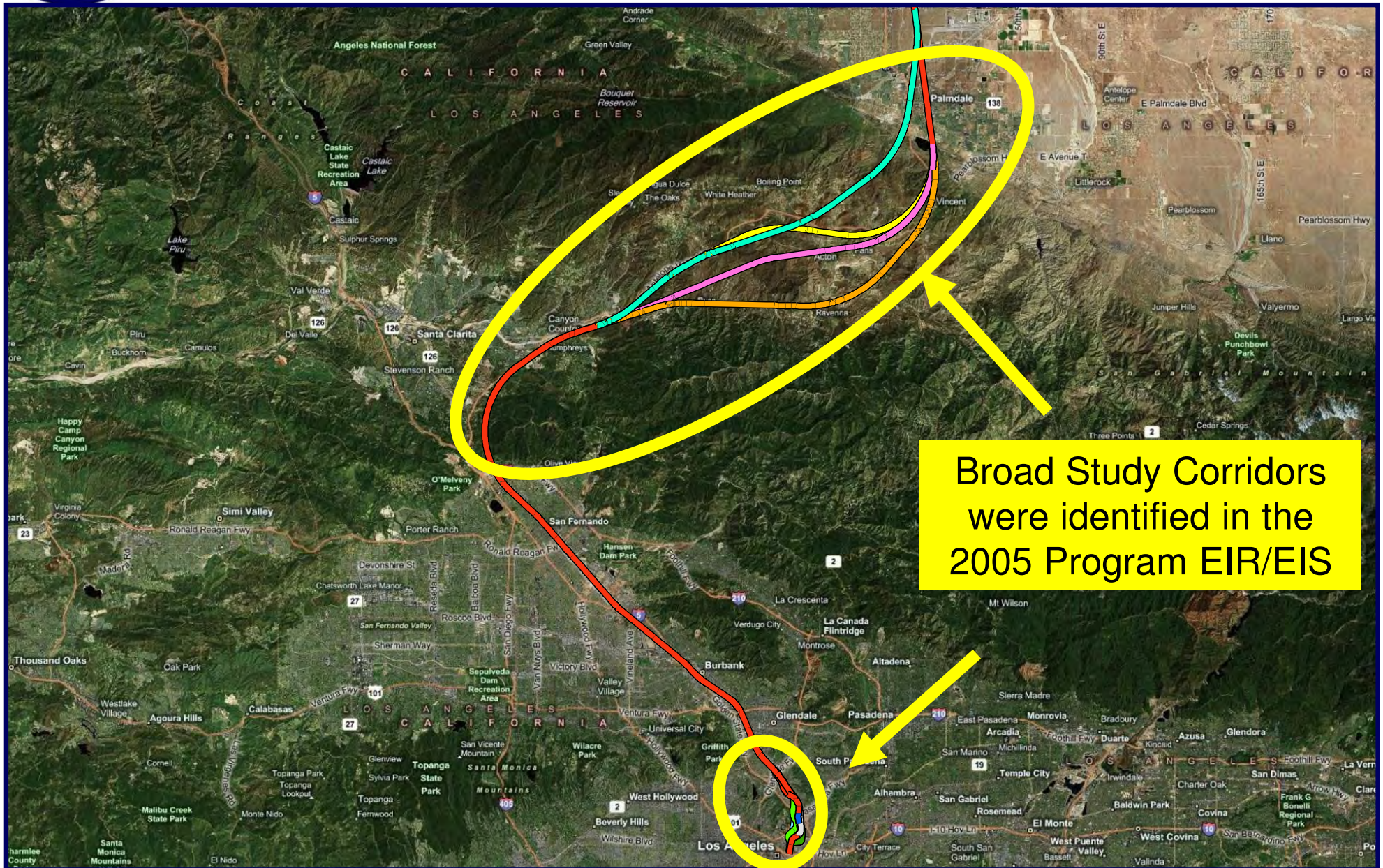
Since the 2007 Scoping Meetings, more than 300 presentations and briefings have been held reaching stakeholders throughout the corridor including:

- Elected Officials**
- Chambers of Commerce**
- Neighborhood Councils / Homeowners Associations**
- Community and Business Organizations**
- Trade Organizations**
- Environmental Justice Groups**





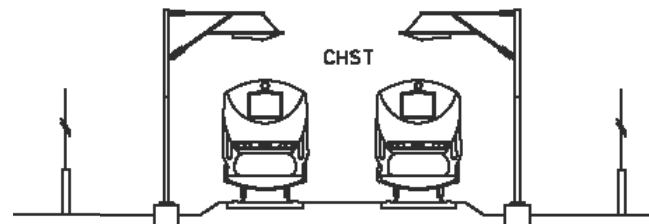
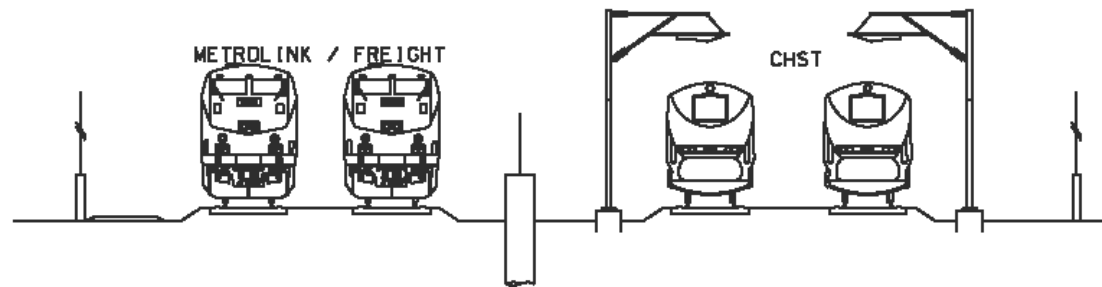
Los Angeles to Palmdale Study Area







Broad Study Corridors
were identified in the
2005 Program EIR/EIS



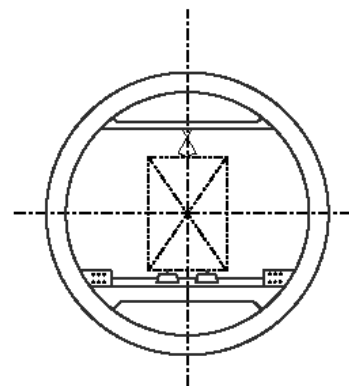
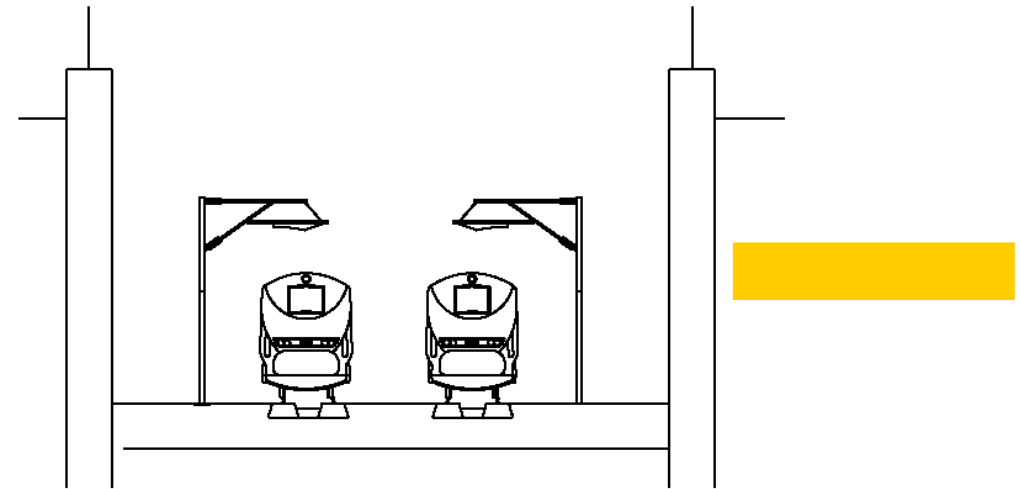
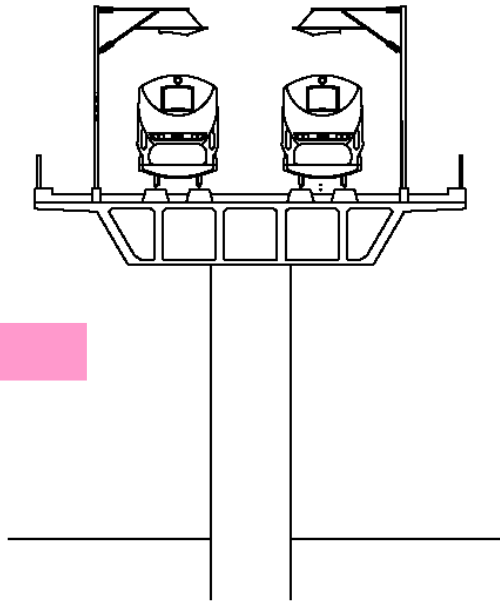
Typical Sections



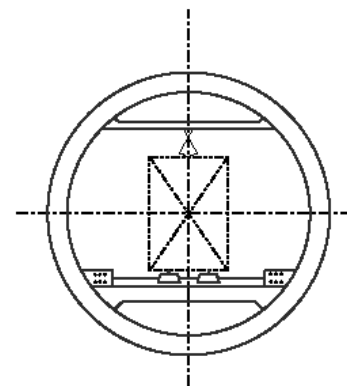
| | |
|---|----------|
|  | Viaduct |
|  | At Grade |
|  | Trench |
|  | Tunnel |



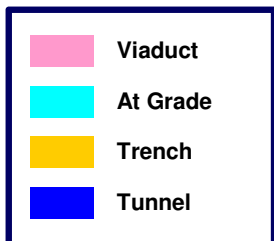
Typical Sections



SOUTHBOUND TUNNEL



NORTHBOUND TUNNEL





LAUS to SR 2 Study Area





LAUS to SR2 Alignment Alternatives

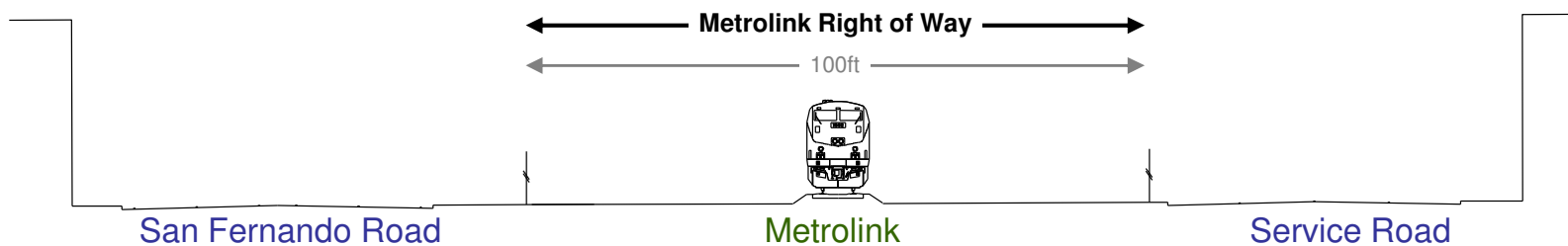




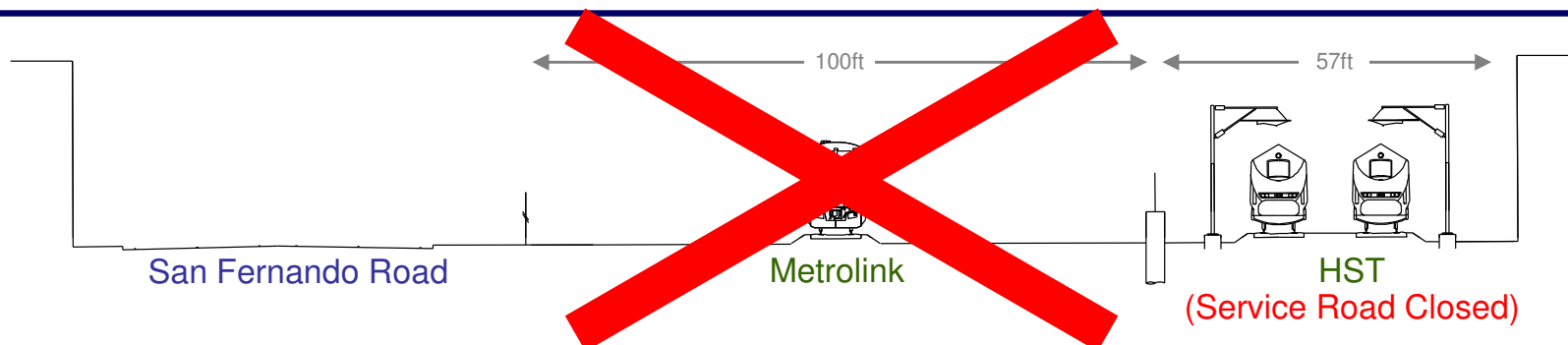


Studied Alternatives

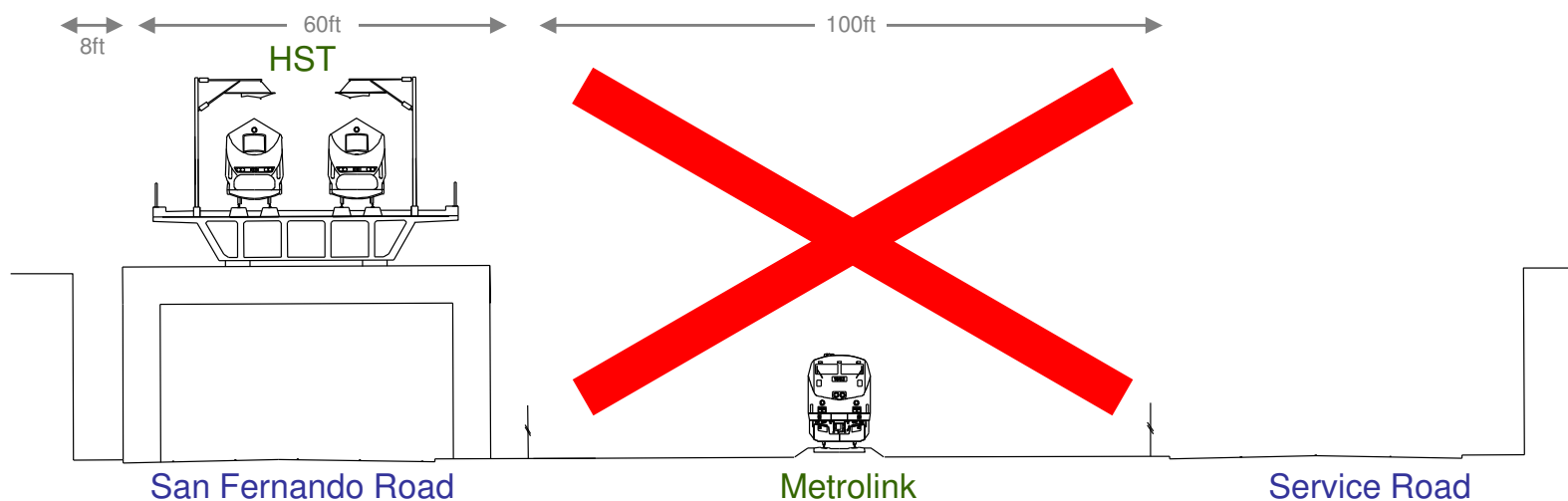
Existing



HST outside existing ROW on east side



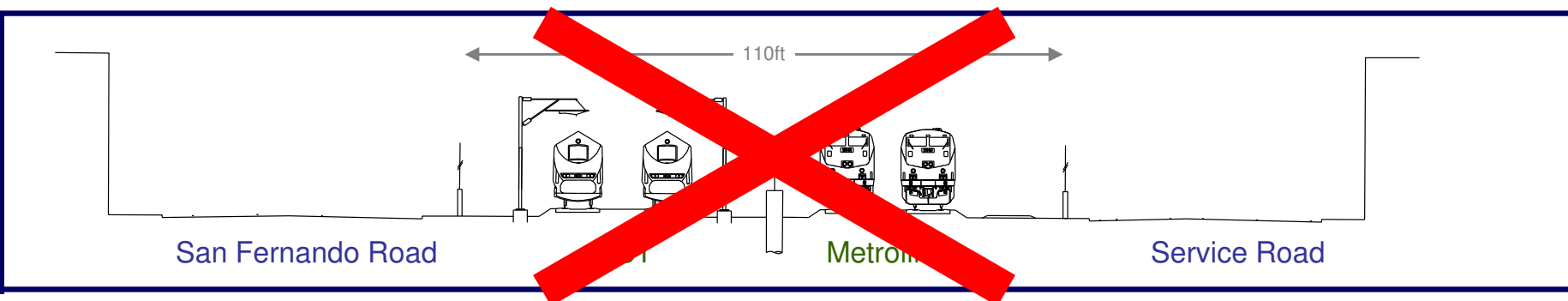
HST outside existing ROW on west side



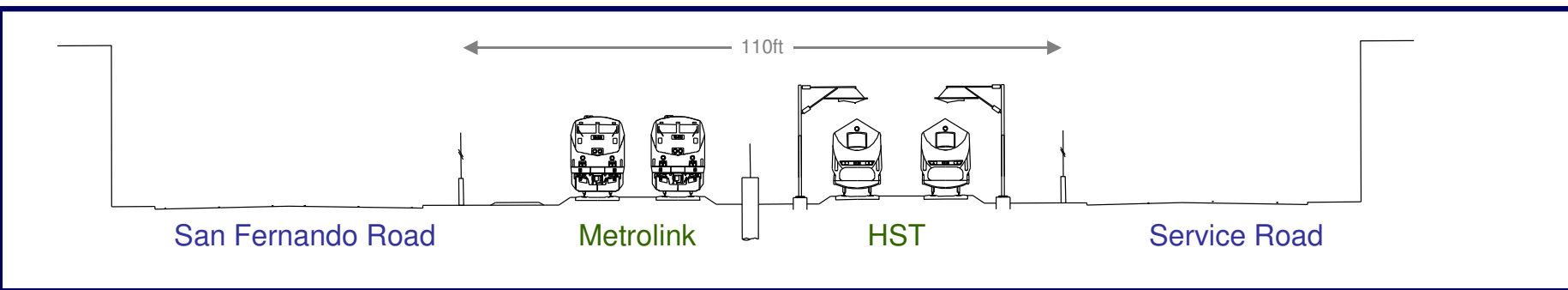


Studied Alternatives

HST and Metrolink
share right of way

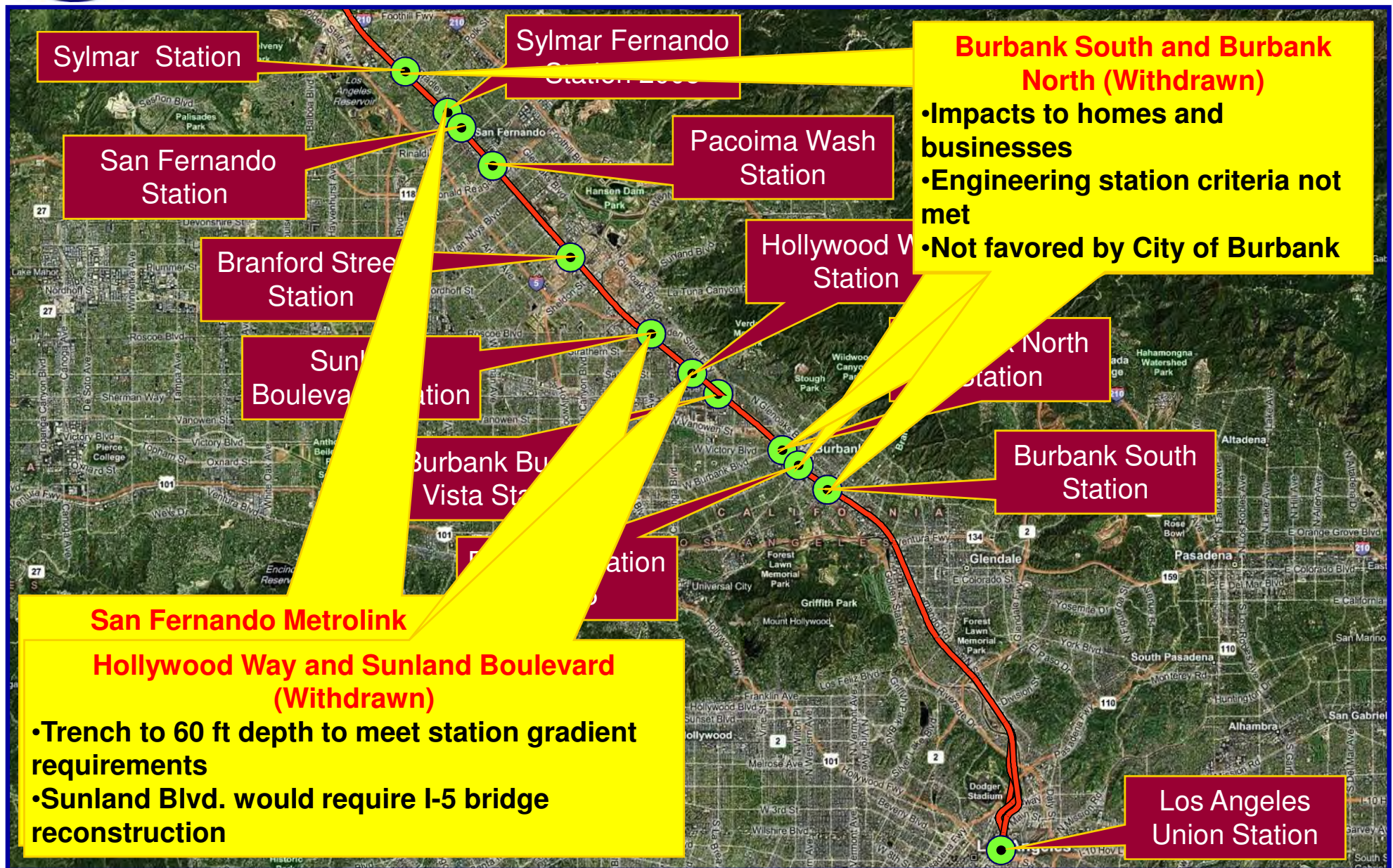


HST and Metrolink
share right of way





SR 134 to San Fernando/Sylmar Station Options



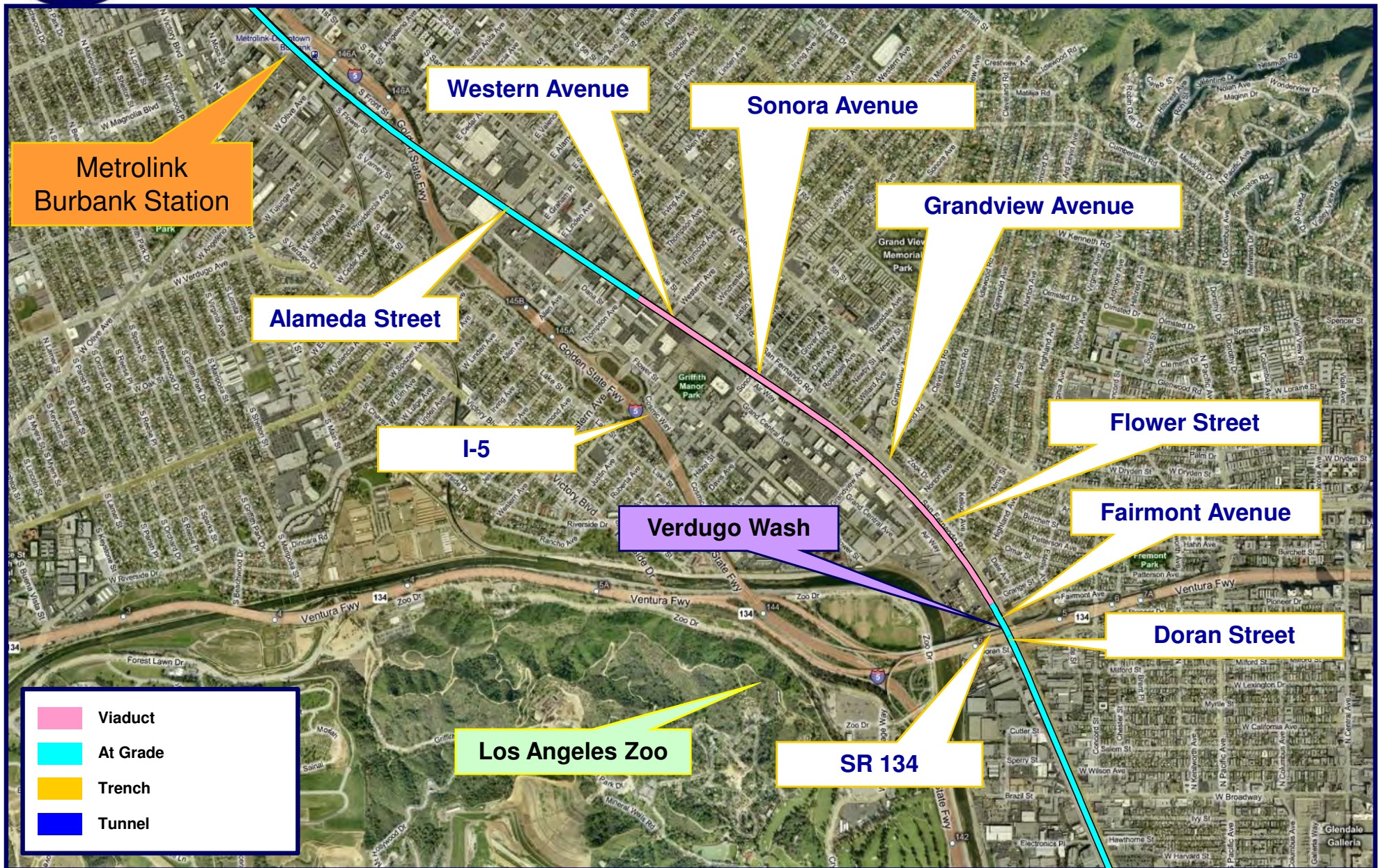


Glendale Study Area (south)



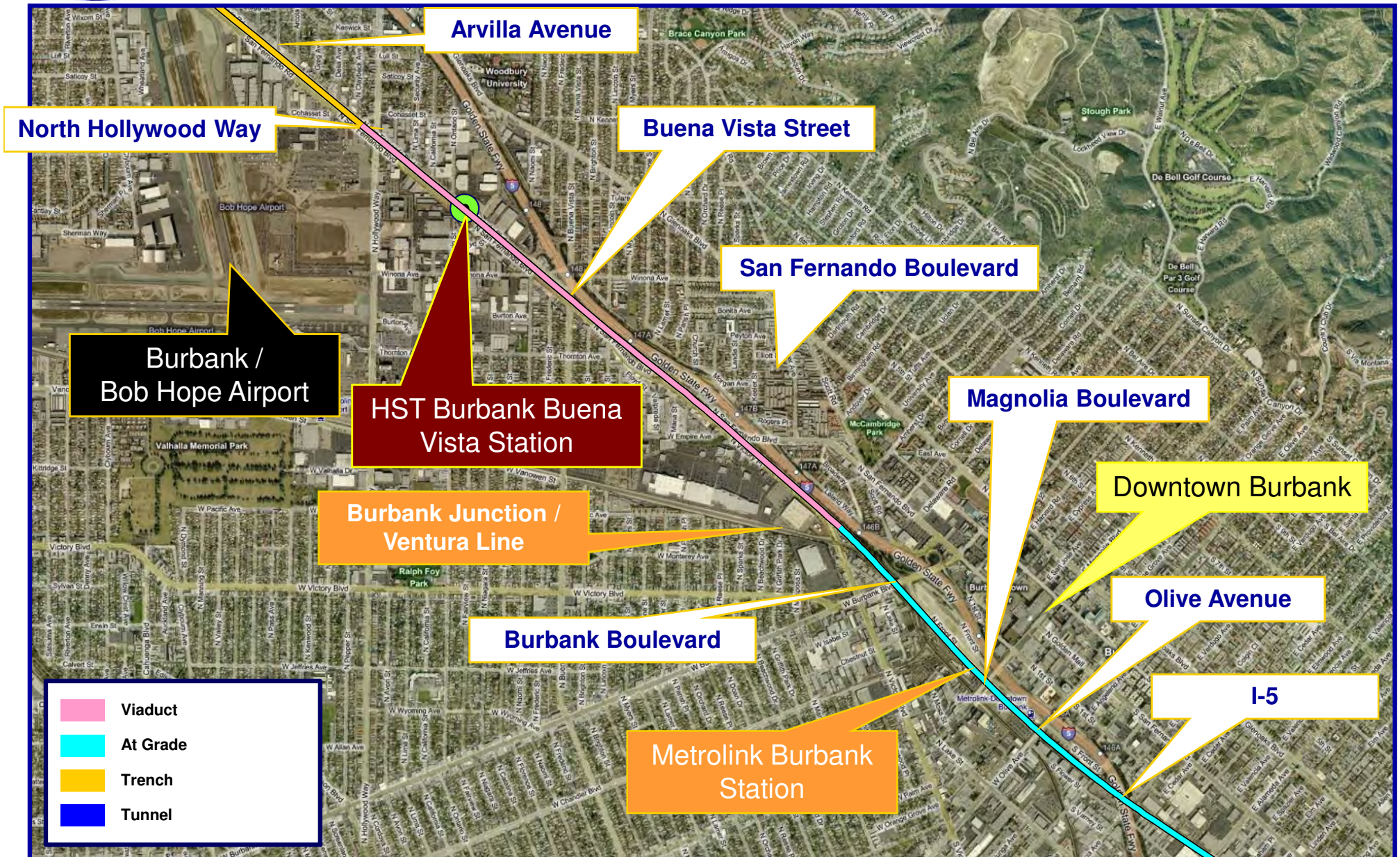


Glendale Study Area (north)



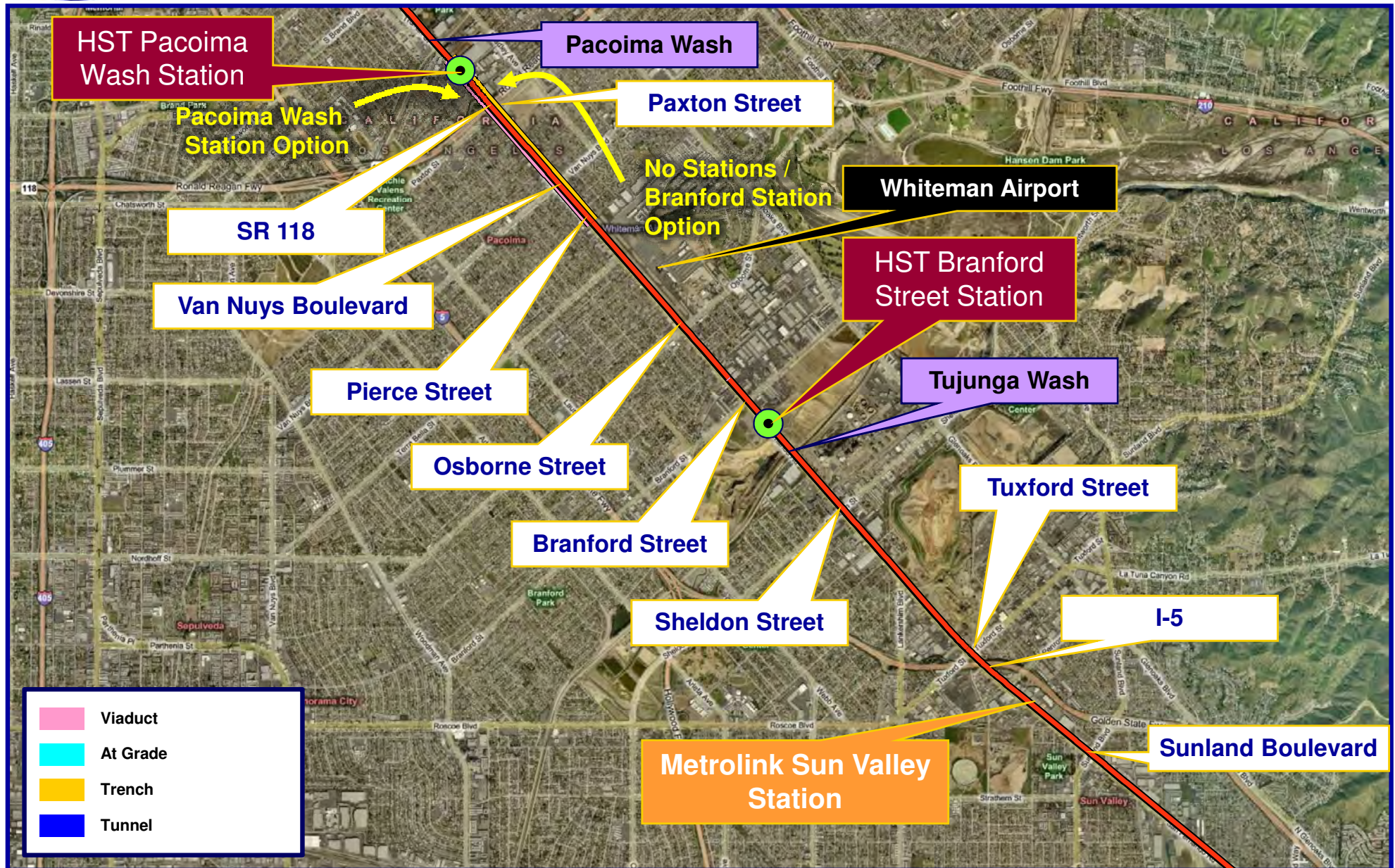


Burbank Study Area



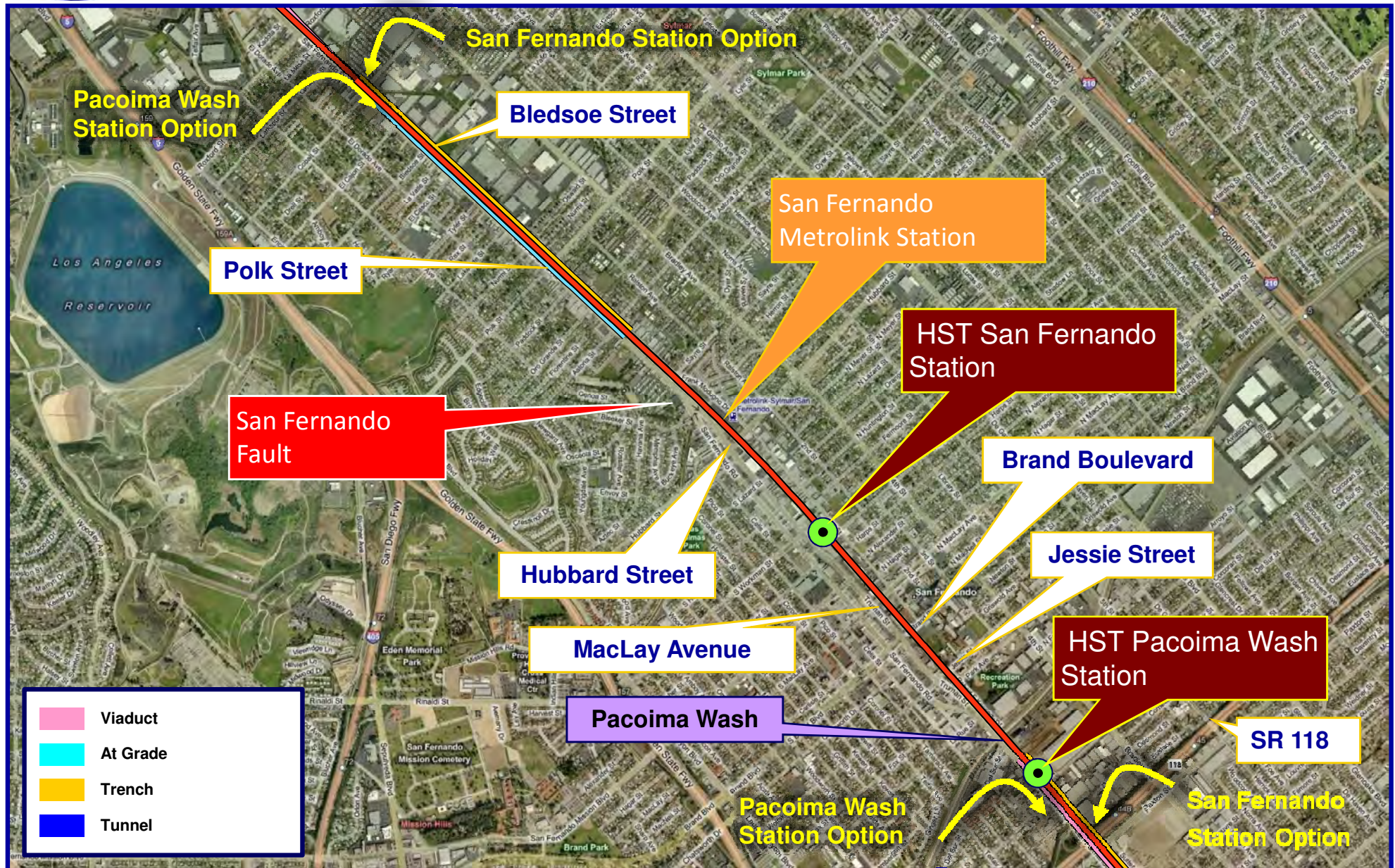


Los Angeles Study Area (San Fernando Valley)



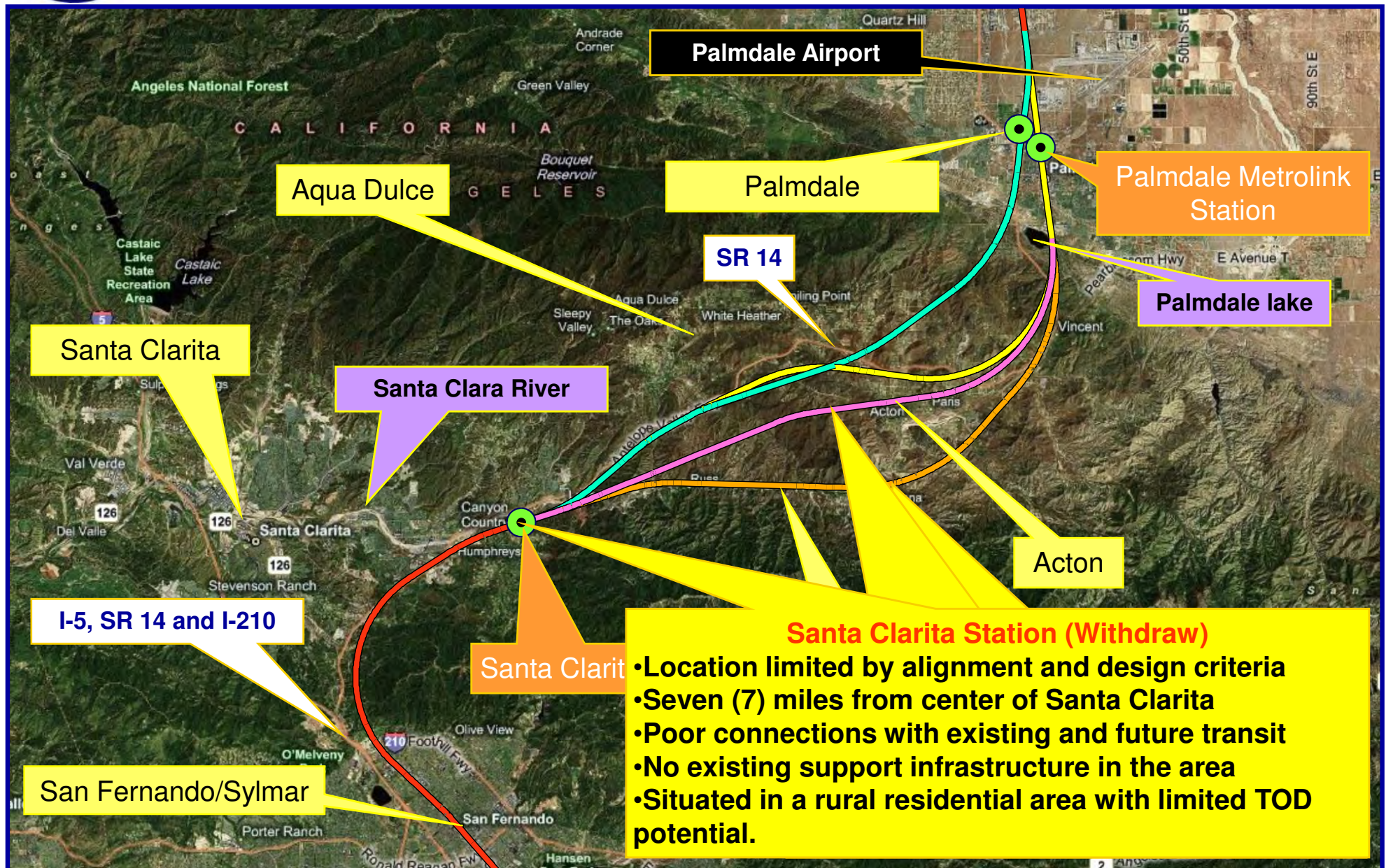


San Fernando / Sylmar Alignment



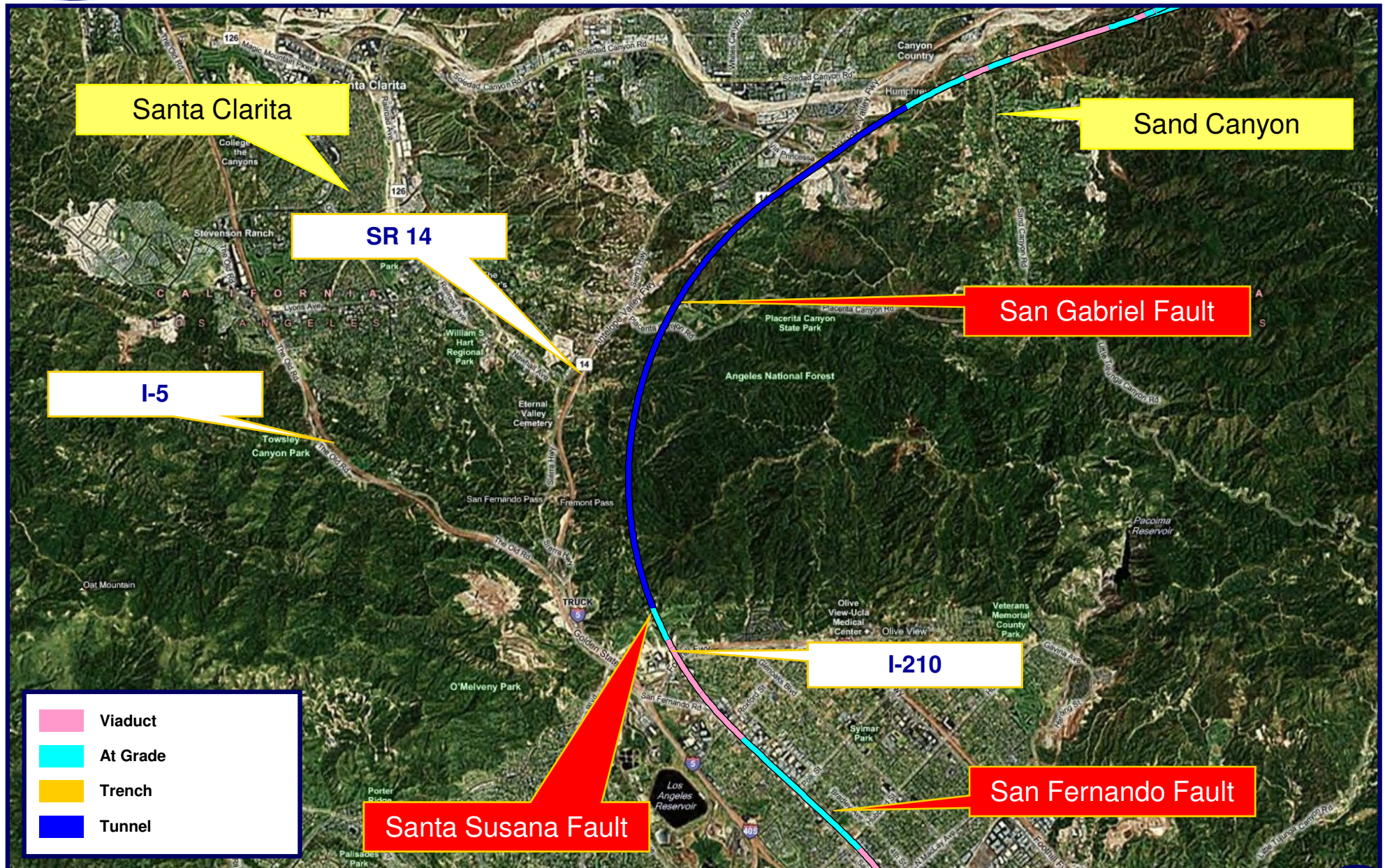


San Fernando / Sylmar to Palmdale Study Area



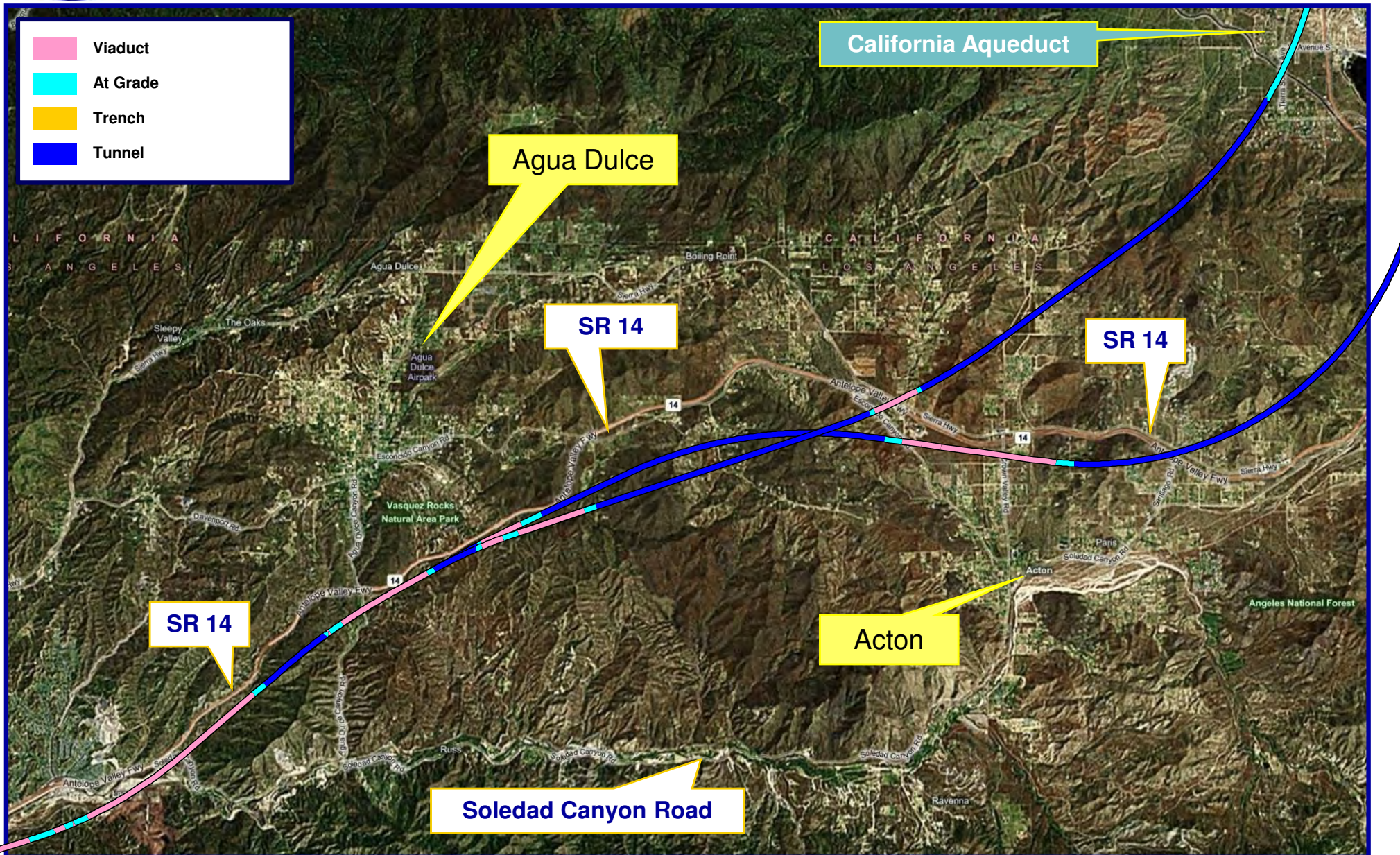


Santa Clarita Alignment



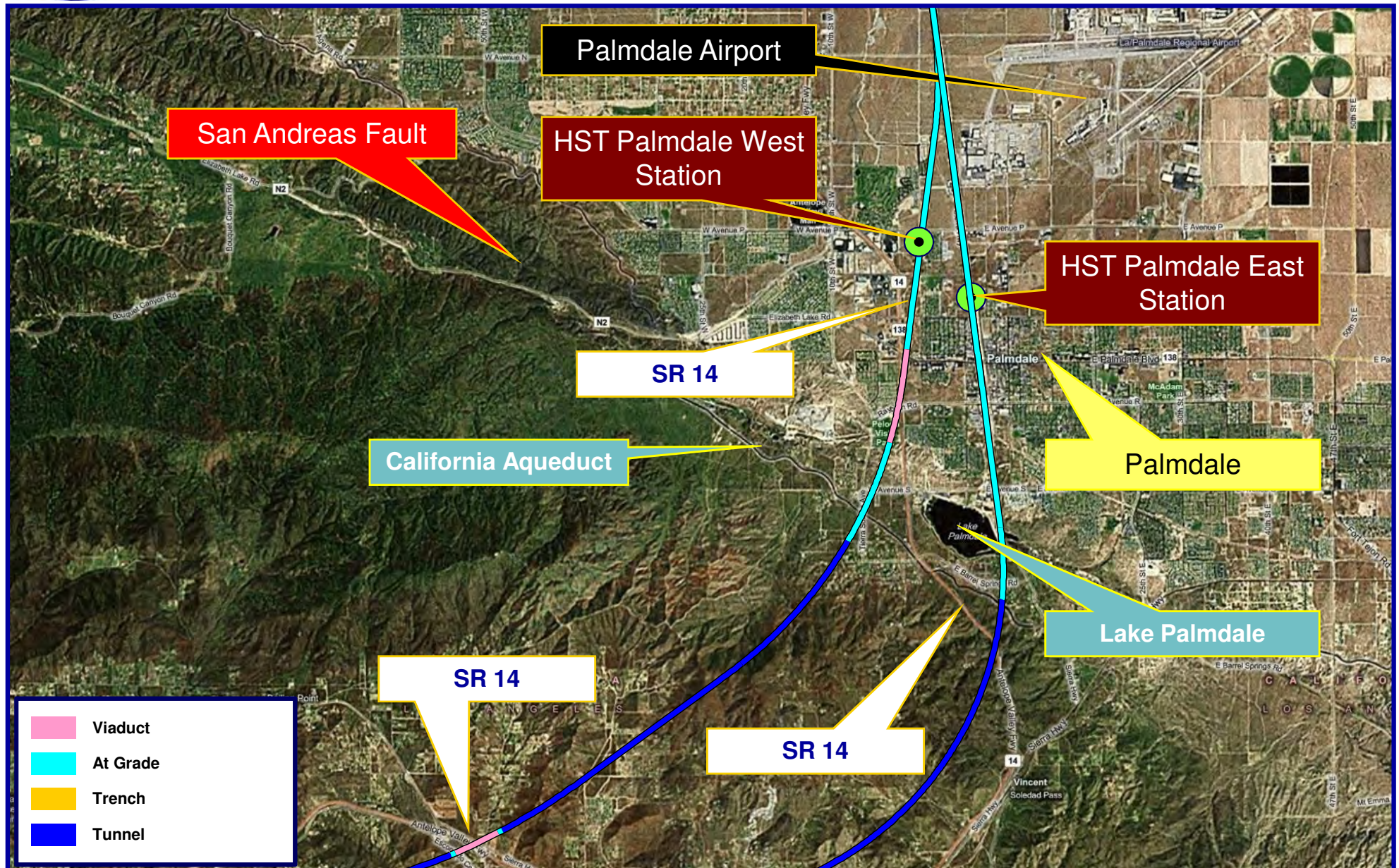


Acton / Aqua Dulce Alignment Alternatives





Palmdale Alignment





Los Angeles to Palmdale – Recommendations for Further Study

Sylmar to Palmdale

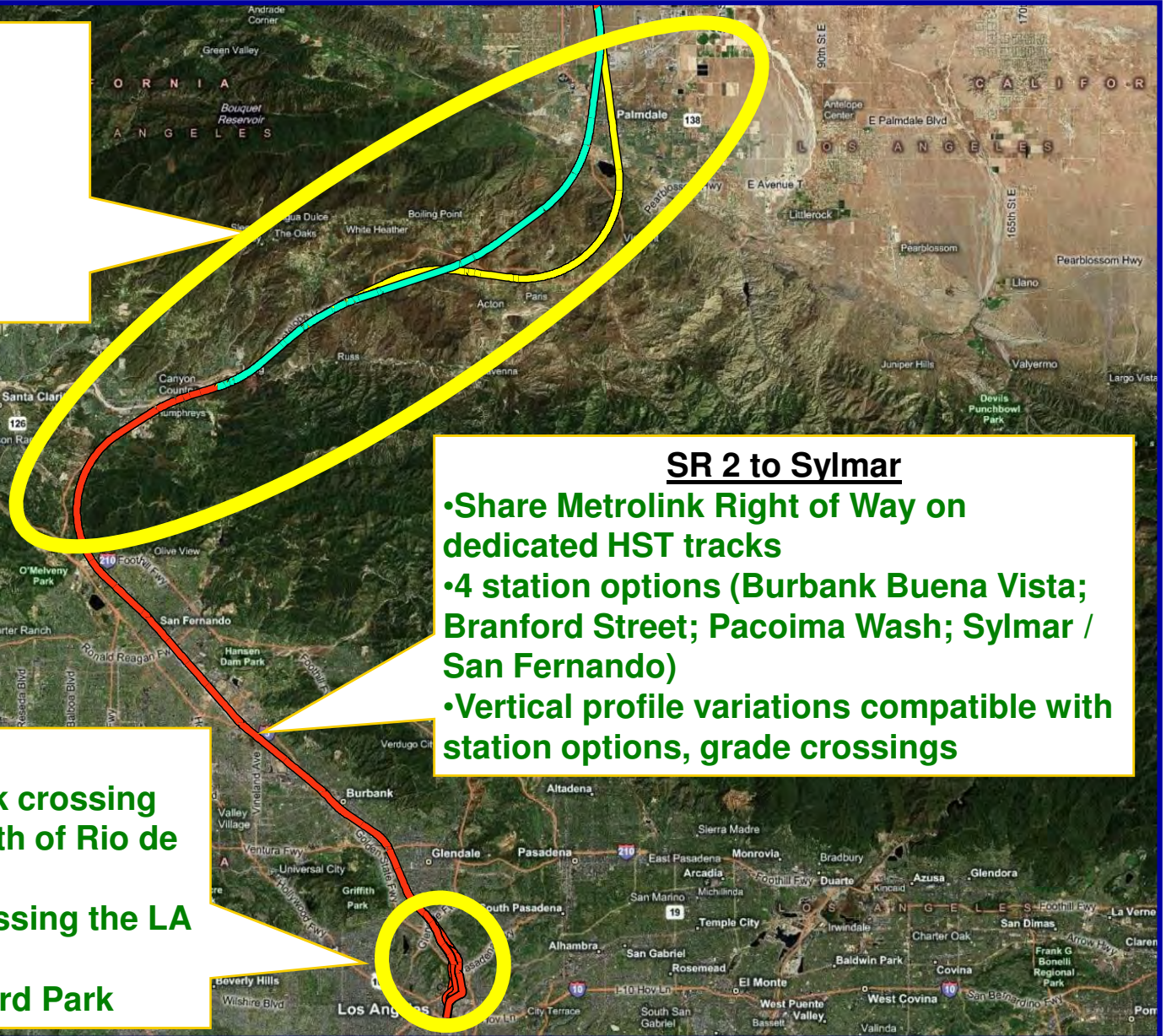
- New Right of Way generally following SR 14 corridor
- 2 alignments west and east entering Palmdale
- 2 station options, 1 for each alignment alternative

SR 2 to Sylmar

- Share Metrolink Right of Way on dedicated HST tracks
- 4 station options (Burbank Buena Vista; Branford Street; Pacoima Wash; Sylmar / San Fernando)
- Vertical profile variations compatible with station options, grade crossings

LAUS to SR 2

- 3 tunnel options on west bank crossing under the LA River to just south of Rio de Los Angeles Park
- 1 surface/elevated option crossing the LA River to east bank
- East or west side of Taylor Yard Park





Timeline, Next Steps and Public Comment Opportunities

